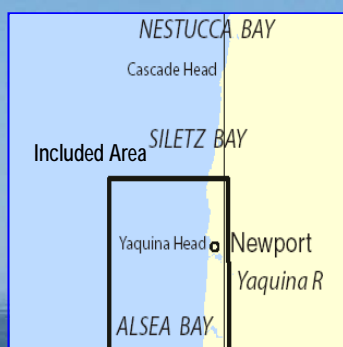


# BookletChart™

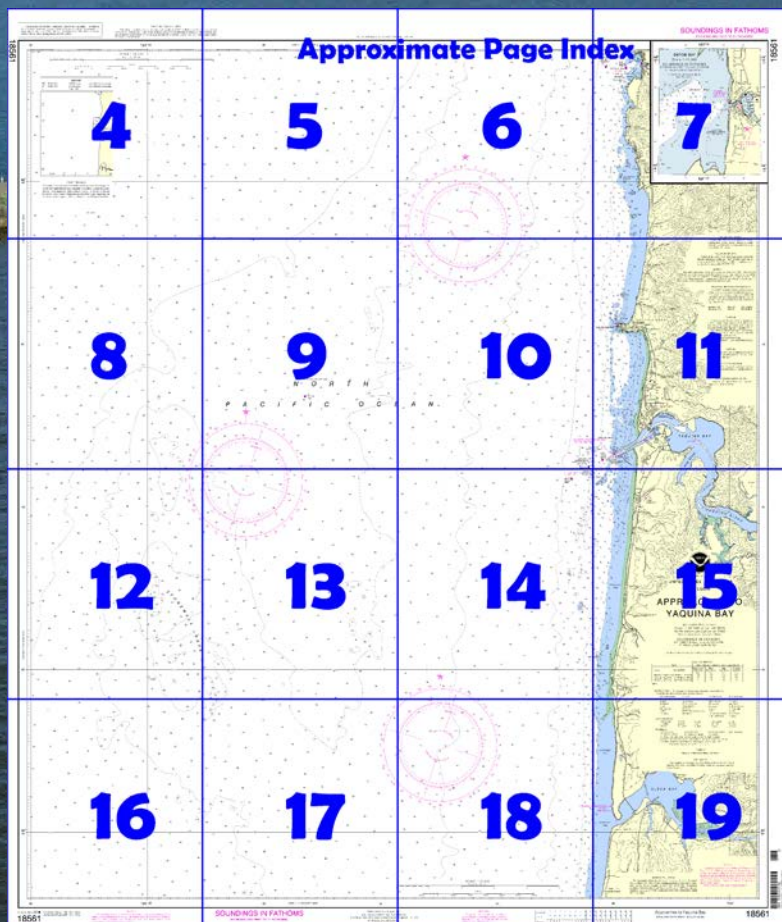
## Approaches to Yaquina Bay NOAA Chart 18561



*A reduced-scale NOAA nautical chart for small boaters*  
*When possible, use the full-size NOAA chart for navigation.*



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



**Published by the**  
**National Oceanic and Atmospheric Administration**  
**National Ocean Service**  
**Office of Coast Survey**  
[www.NauticalCharts.NOAA.gov](http://www.NauticalCharts.NOAA.gov)  
**888-990-NOAA**

**What are Nautical Charts?**

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

**What is a BookletChart™?**

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

**Notice to Mariners Correction Status**

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=18561>.



**(Selected Excerpts from Coast Pilot)**

**Alsea Bay** is 68 miles N of Cape Arago. The entrance has a shifting bar with a depth of about 6 feet. **Waldport**, a mile inside the entrance, is the principal settlement. A marina with about 100 berths, gasoline, and a launching ramp is on the NE side of the town. The river, marked by seasonal private buoys, is navigable by small craft to about 10 miles above the mouth. There are several marinas along the river above Waldport; most have berths and gasoline. Outboard

engine repairs can be made at a marina about 3 miles above the mouth. The 11.5-mile coast between Alsea Bay and Yaquina Bay is nearly

straight. Rocks covered 2 to 4 fathoms extend almost 2 miles offshore. **Seal Rocks**, abreast the highest part of the bluffs about 5 miles N of Alsea Bay entrance, extend up to 0.5 mile offshore for 2 miles; the tallest is 20 feet high.

**Stonewall Bank**, 17 miles SW of Yaquina Head Light and 14 miles offshore, is 9 miles long in a N direction and 2.5 miles wide. The depth is at least 13 fathoms on the bank. An unmarked submerged obstruction is close SW of Stonewall Bank in about 44°29.8'N., 124°24.9'W.

**Yaquina Head**, 32.5 miles N of Heceta Head, is distinguished by two conical hills covered with grass. The outer one is 356 feet high and the inner 390 feet high, with a low saddle between them. The extremity of the point, which projects about a mile from the general trend of the coast, is broken and rocky, but comparatively low. One mile inland from the point, the grass-covered land changes to a dense forest and the hills rise rapidly. Two covered ledges lie N of the point 0.6 mile from the beach. There is a covered rock and considerable kelp about a mile S of the point. A patch of rocks that uncovers 8 feet is about a mile N of Yaquina Head Light. S to Yaquina Bay, the coast consists of broken yellow cliffs, bordered on the S part by broad sand beaches.

**Yaquina Head Light** (44°40'36.3"N., 124°04'46.0"W.), 162 feet above the water, is shown from a 93-foot white conical tower on the flat bench projecting at the W extremity of the head.

**Yaquina Reef** and its continuation N is a ridge of hard sand and rock covered 4 to 25 feet and marked by breakers. The reef extends from the submerged outer end of the N jetty and parallel to the shore to Yaquina Head. The submerged wreck of the ship JOHN ASPIN is about 0.65 mile N from the outer end of the N jetty.

**South Reef**, with a least depth of 8 feet, is a continuation of Yaquina Reef, the two being separated by the entrance channel. A low flat rock, 8 feet high, is 0.4 mile offshore 2.8 miles N of Yaquina Head.

**Otter Rock**, 11 feet high, is 3.2 miles N of Yaquina Head and 0.6 mile offshore. **Gull Rock**, 56 feet high, is 1.2 miles N of Otter Rock and 0.4 mile offshore. In line between the two rocks is a kelp field with several rocks, covered and awash. Covered rocks that break are 0.5 to 1 mile N of Gull Rock.

**Cape Foulweather** is a prominent headland with about 6 miles of seaward face. Dangers extend for nearly 2 miles N of the N point of Cape Foulweather and about 600 yards offshore.

**Depoe Bay**, 8 miles N of Yaquina Head, has one of the best small-boat shelters along this part of the coast. The bay proper has foul ground on both the N and S sides, but the channel leading to the narrow dredged channel to the inner basin is deep and well marked. The foul areas break in moderate seas and are marked by kelp. Prominent from seaward is the concrete arch bridge over the entrance to the basin. A lighted whistle buoy is 1.1 miles W of the entrance to the bay. A lighted bell buoy and 085.5° lighted range mark the entrance to the bay and the approach to the dredged channel to the basin, respectively. A mariner radio activated sound signal, located on the S side of the entrance is about 50 yards SW of the bridge, and is initiated by keying the microphone five times on VHF-FM channel 83A.

The town of **Depoe Bay** is on the N side of the basin. The basin has a concrete bulkhead, mooring floats, and a tidal grid for minor hull repair work. Also available are berths with electricity, gasoline, diesel fuel, water, ice, launching ramp, and marine supplies. Hull and engine repairs can be made.

**U.S. Coast Guard Rescue Coordination Center**  
**24 hour Regional Contact for Emergencies**

RCC Seattle

Commander  
13<sup>th</sup> CG District  
Seattle, WA

(206) 220-7001



# Navigation Managers Area of Responsibility



**NOAA's navigation managers** serve as ambassadors to the maritime community.

They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit [nauticalcharts.noaa.gov/service/navmanagers](http://nauticalcharts.noaa.gov/service/navmanagers)

To make suggestions or ask questions online, go to [nauticalcharts.noaa.gov/inquiry](http://nauticalcharts.noaa.gov/inquiry).

To report a chart discrepancy, please use [ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx](http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx).

## Lateral System As Seen Entering From Seaward

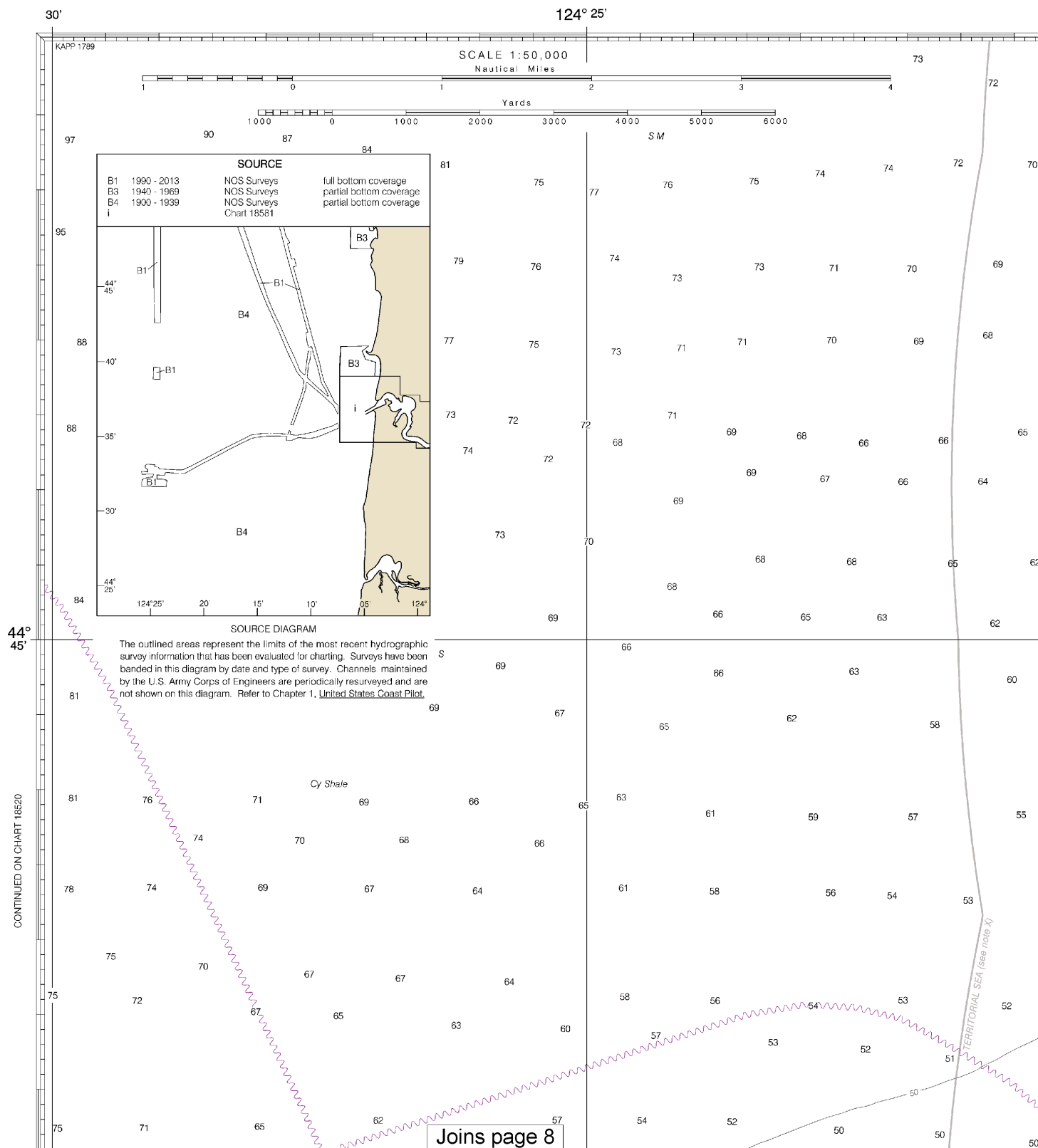
on navigable waters except Western Rivers



For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area.

These volumes are available online at <http://www.navcen.uscg.gov>

18561



# 5

ON CHART 18520

15'

10'

Joins page 5

Joins page 10

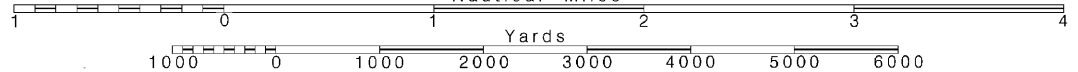
6

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:50,000  
Nautical Miles

See Note on page 5.

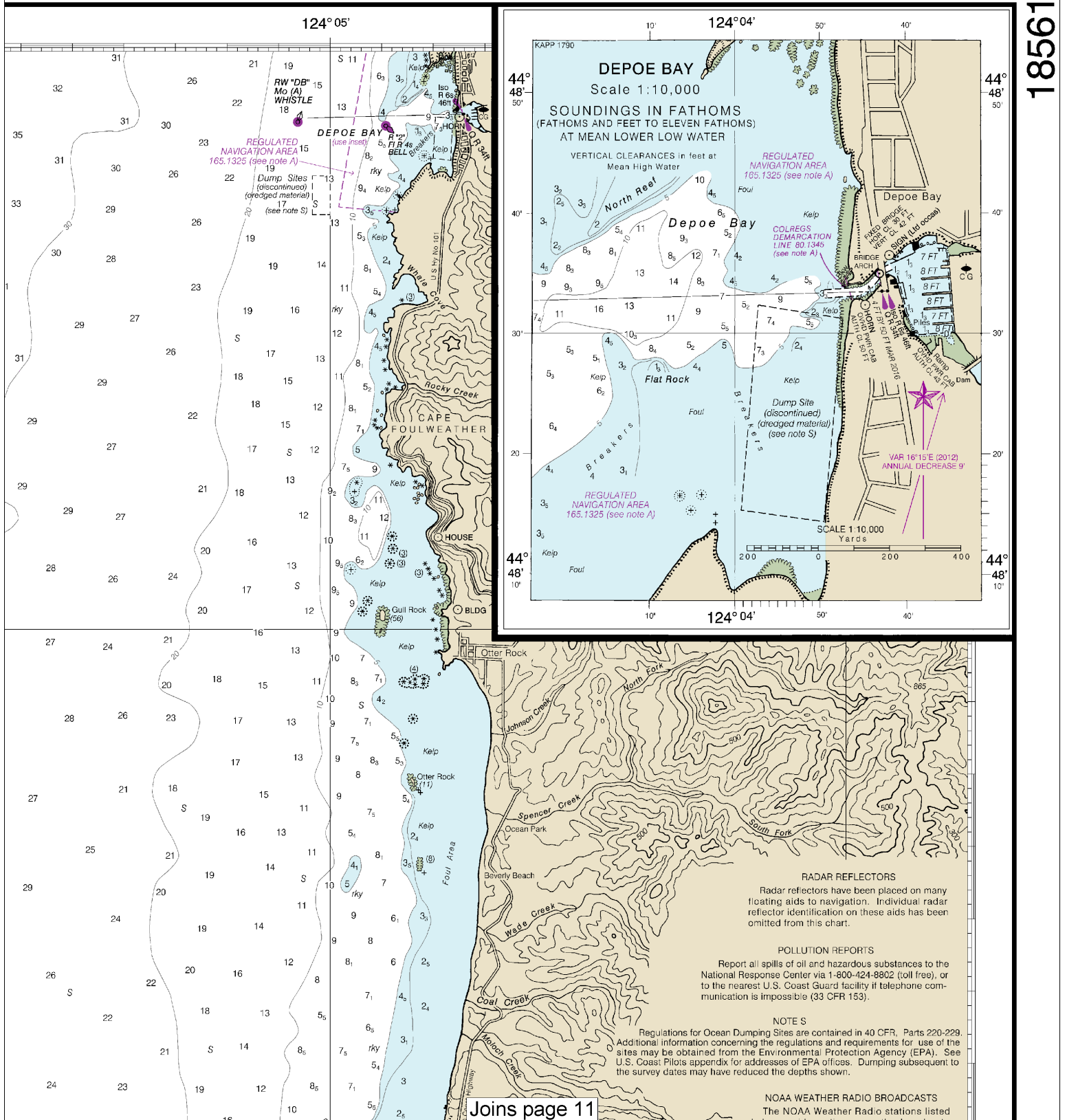


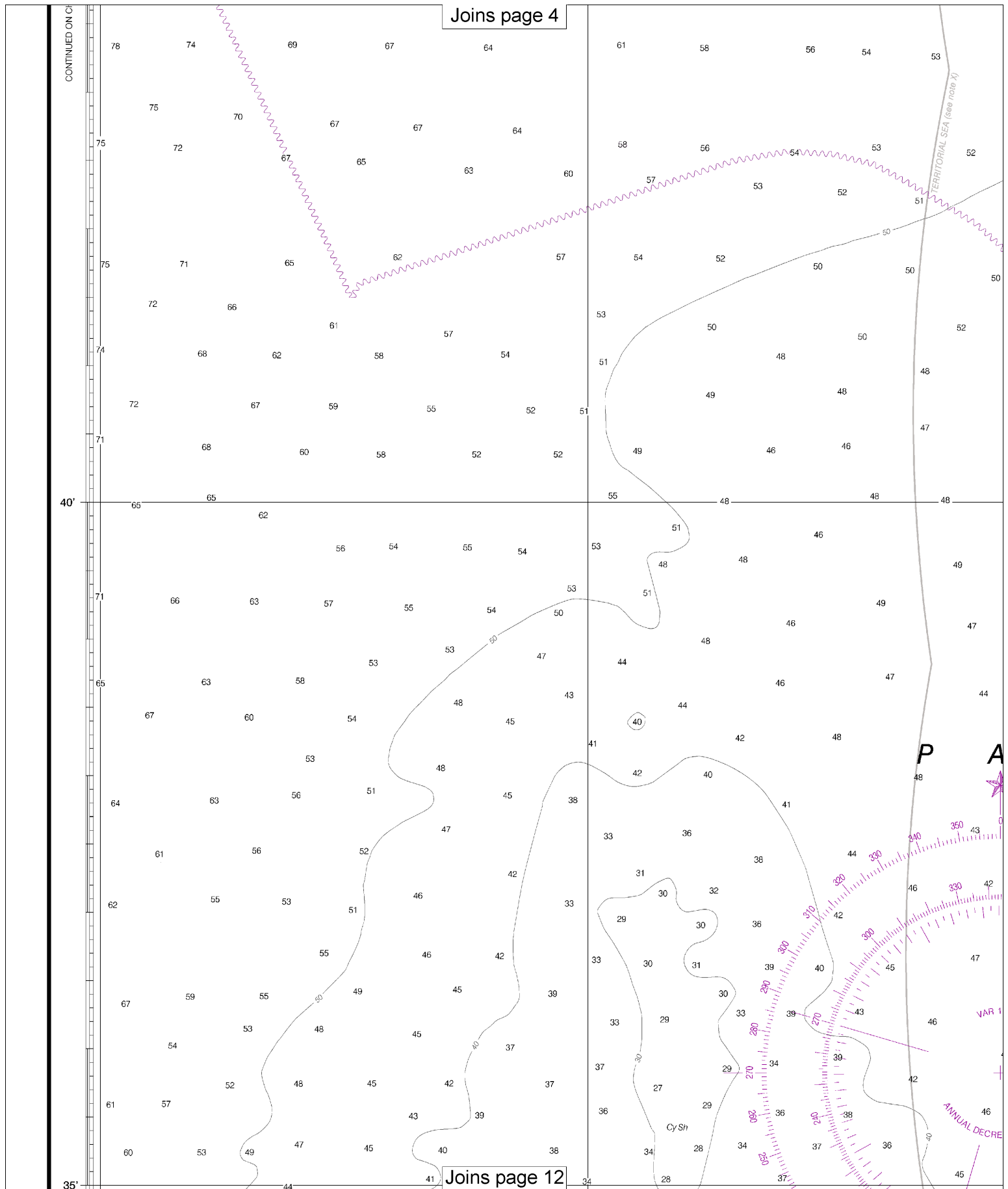
NOTE X

Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of the other laws. The 9-nautical mile Natural Resource Boundary off the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

# SOUNDINGS IN FATHOMS

(FATHOMS AND FEET TO 11 FATHOMS)





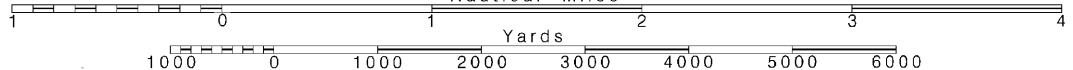
8

Note: Chart grid lines are aligned with true north.

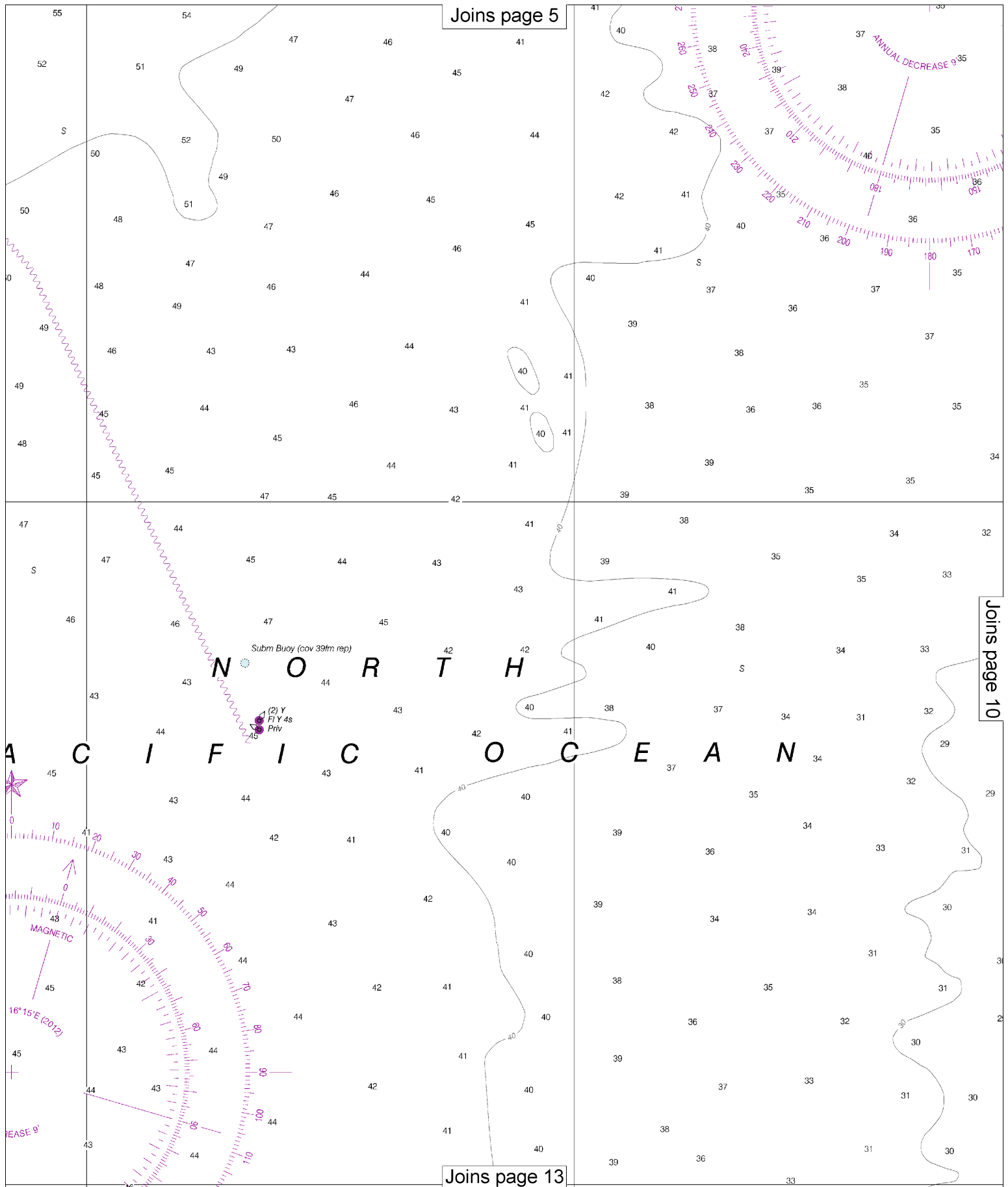
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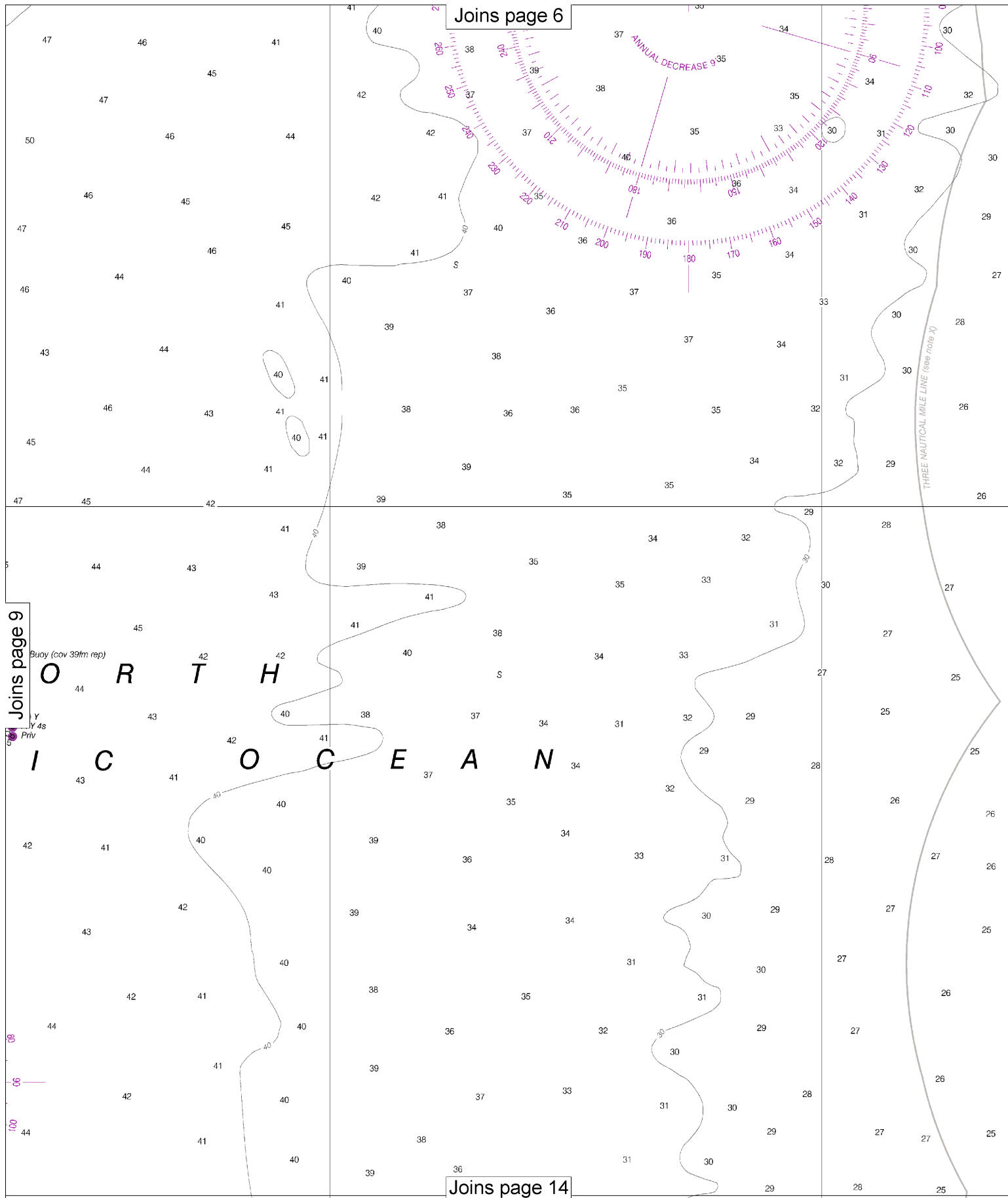
SCALE 1:50,000  
Nautical Miles

See Note on page 5.









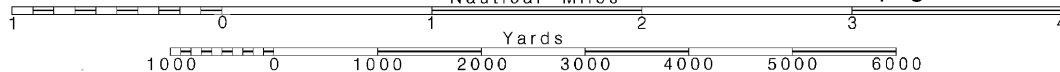
10

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:50,000  
Nautical Miles

See Note on page 5.



Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

Regulations for Ocean Dumping Sites are contained in 40 CFR, Parts 220-229. Additional information concerning the regulations and requirements for use of the sites may be obtained from the Environmental Protection Agency (EPA). See U.S. Coast Pilots appendix for addresses of EPA offices. Dumping subsequent to the survey dates may have reduced the depths shown.

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

**CAUTION**

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Station positions are shown thus:

(•) (Accurate location)      (◐) (Approximate location)

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

## AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

## SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 7 for important supplemental information.



Joins page 8

35'

30'

CONTINUED ON CHART 16580

Joins page 16

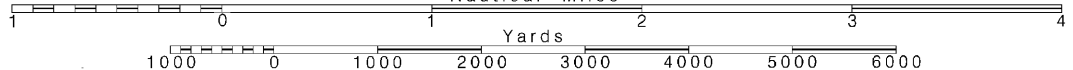
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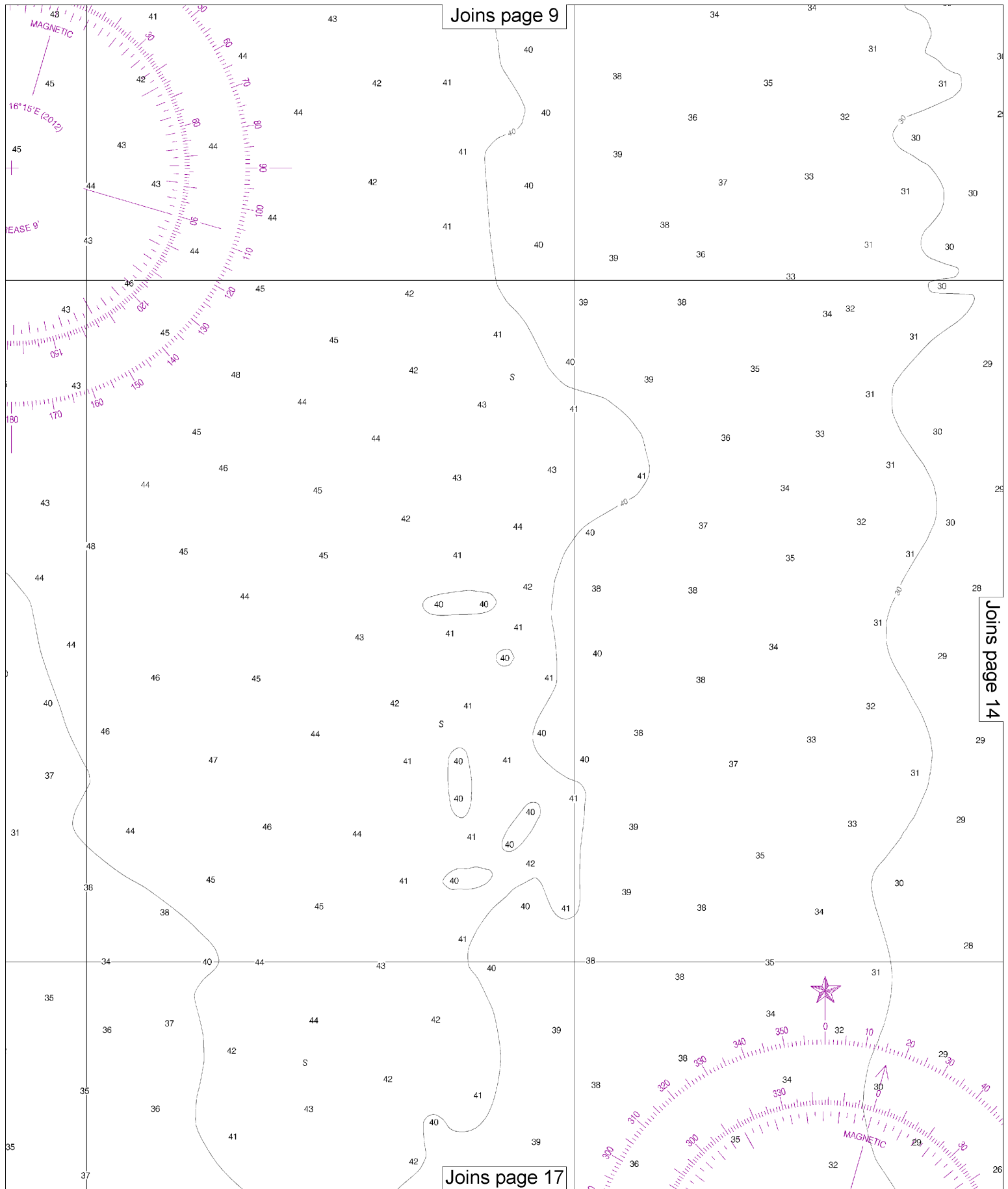
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:50,000  
Nautical Miles

See Note on page 5.







Joins page 10

Joins page 13

Joins page 18

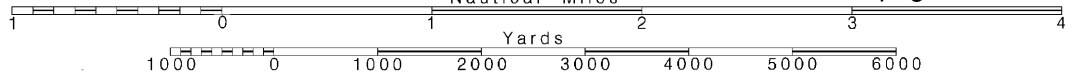
14

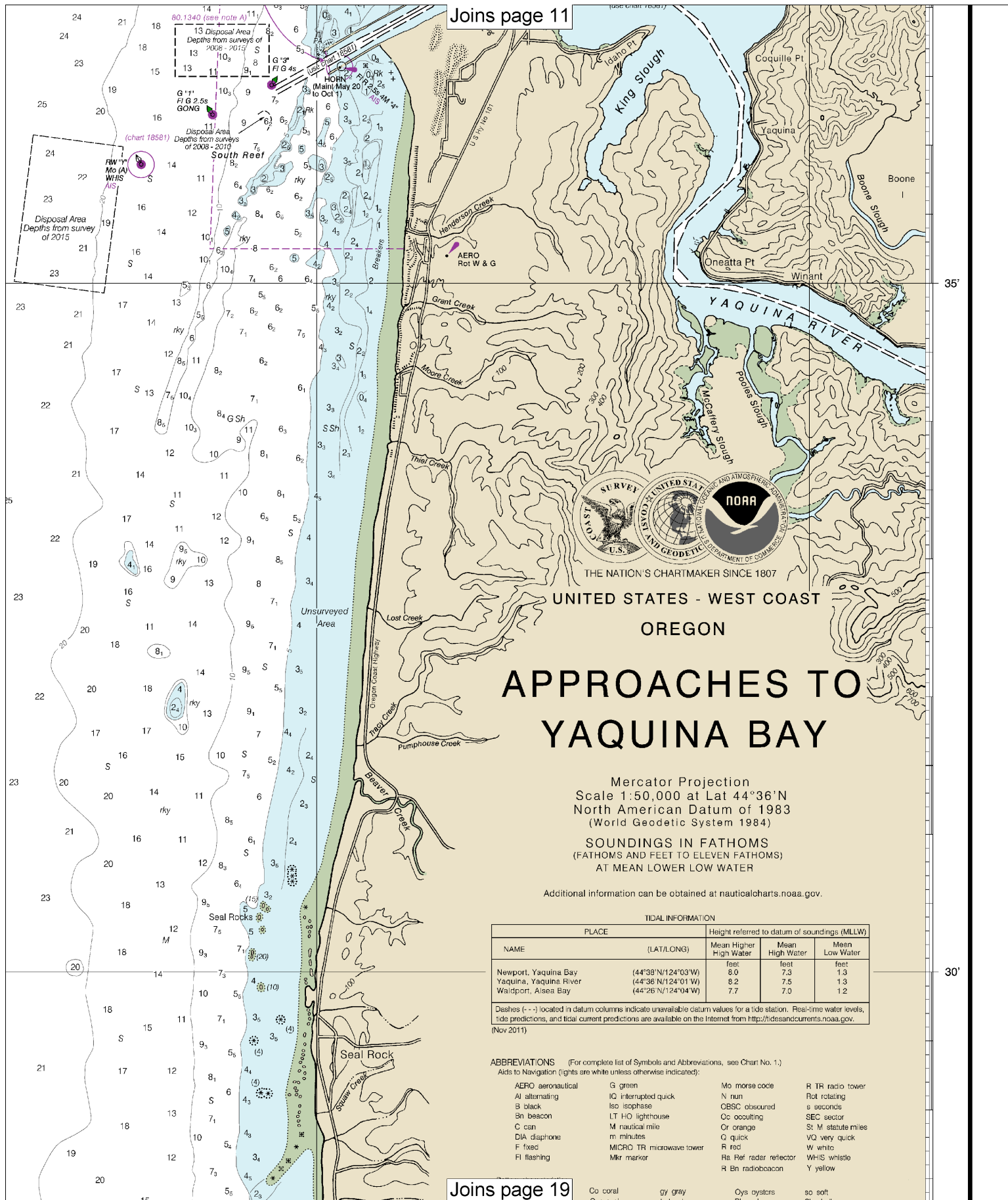
Note: Chart grid lines are aligned with true north.

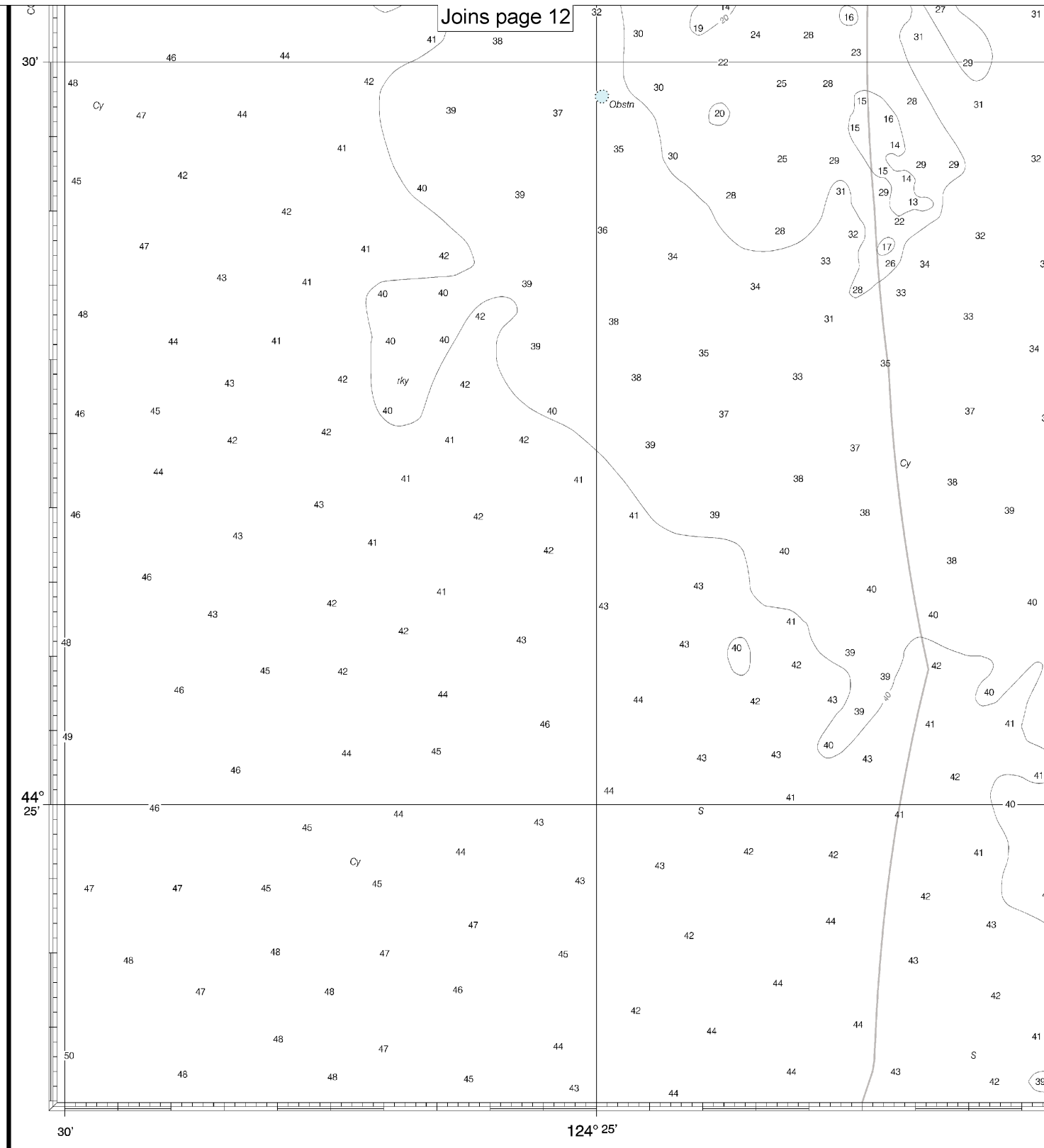
Printed at reduced scale.

~~SCALE 1:50,000~~  
Nautical Miles

See Note on page 5.







18561

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov).

13th Ed., Dec. 2011. Last Correction: 12/7/2016. Cleared through:  
LNM: 4916 (12/6/2016), NM: 5016 (12/10/2016), CHS: 1116 (11/25/2016)

**SOUNDING**  
(FATHOMS)

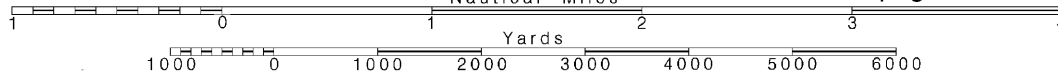
**16**

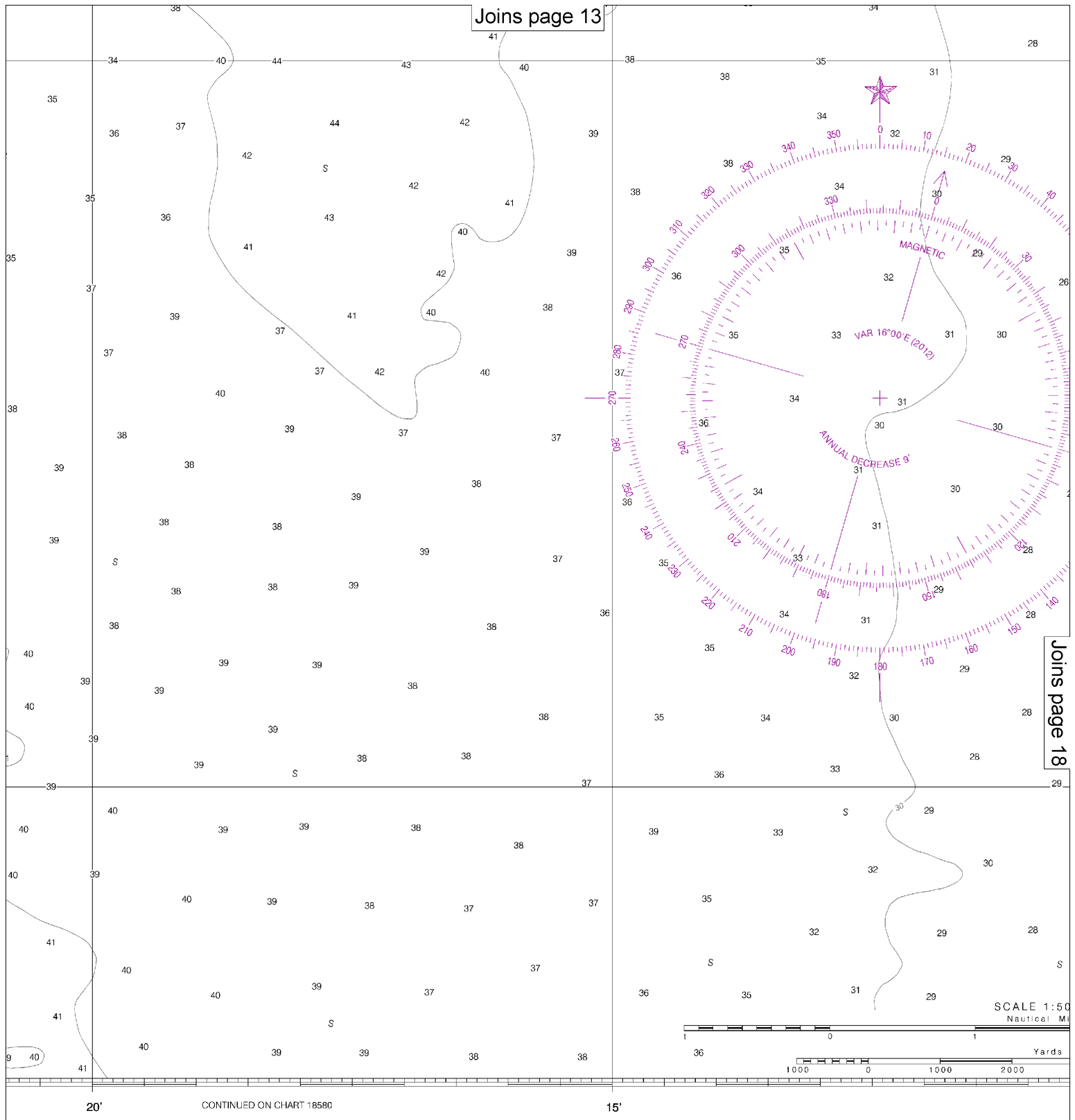
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:50,000  
Nautical Miles

See Note on page 5.





**NGS IN FATHOMS**  
(SOUNDINGS IN FEET TO 11 FATHOMS)

Published at Washington, D.C.  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY

WAF  
The prudent mariner  
should never rely on  
any single aid to navigation  
floating aids. See U.S. Coast Pilot

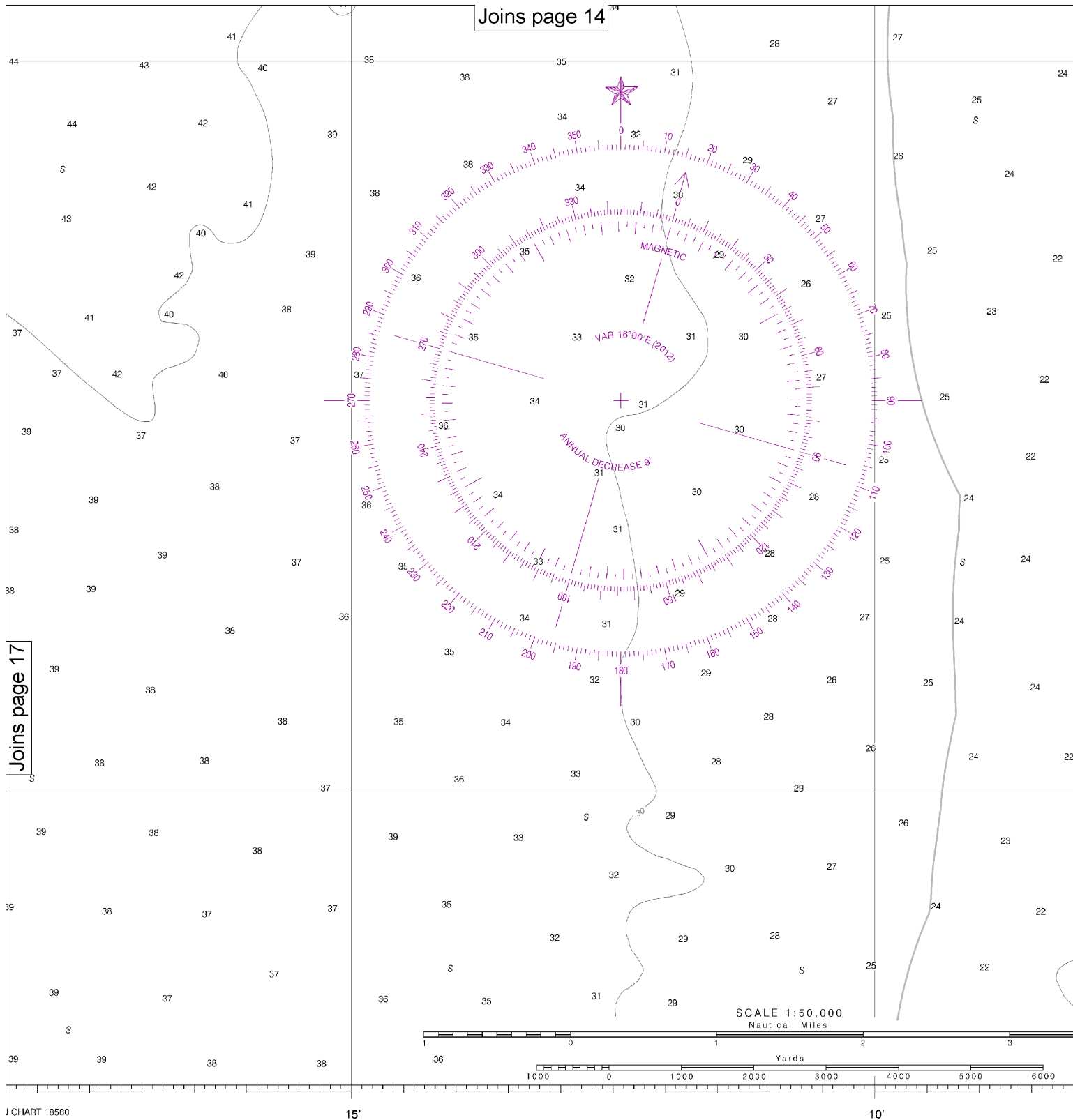


CHART 16580

15'

10'

Published at Washington, D.C.  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY

**WARNING**  
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

FATHOMS  
FEET  
METERS

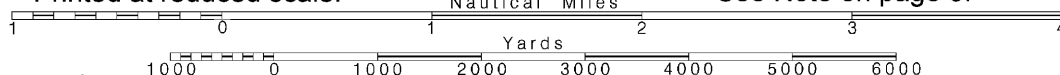
18

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:50,000  
Nautical Miles

See Note on page 5.





NAME	(LAT/LONG)	Height referred to datum of soundings (MLLW)		
		Mean Higher High Water	Mean High Water	Mean Low Water
Newport, Yaquina Bay	(44°38'N/124°03'W)	8.0	7.3	1.3
Yaquina, Yaquina River	(44°36'N/124°01'W)	8.2	7.5	1.3
Waldport, Alsea Bay	(44°26'N/124°04'W)	7.7	7.0	1.2

Dashes (---) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from <http://tidesandcurrents.noaa.gov>. (Nov 2011)

**ABBREVIATIONS** (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):			
AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Is isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	OC occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

**Bottom characteristics:**

Bls boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Gr grass	M mud	S sand	sy sticky

**Miscellaneous:**

AUTH authorized	Ostrn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

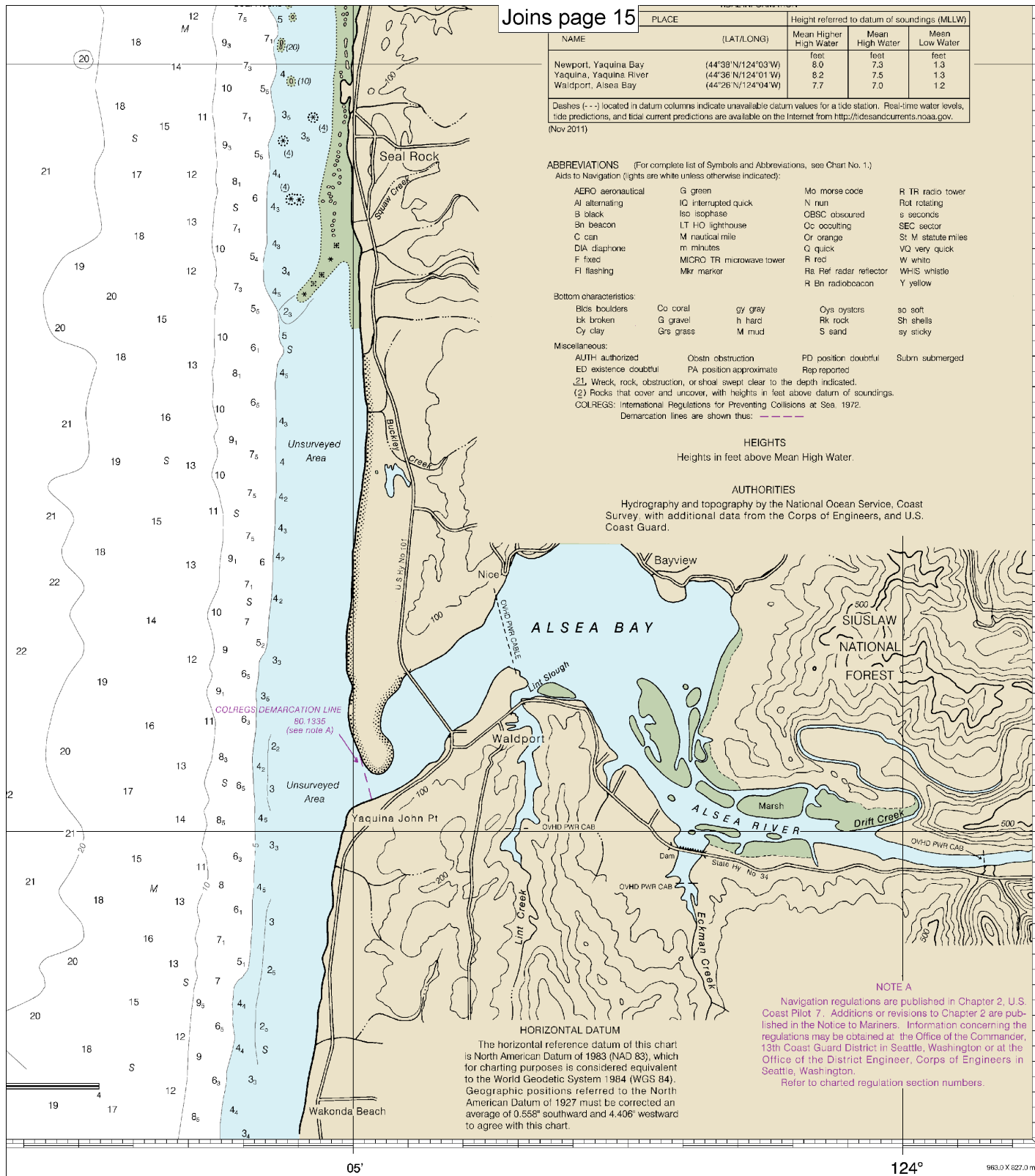
(1) Wreck, rock, obstruction, or shoal swept clear to the depth indicated.  
 (2) Rocks that cover and uncover, with heights in feet above datum of soundings.  
 COLREGS: International Regulations for Preventing Collisions at Sea, 1972.  
 Demarcation lines are shown thus: ---

**HEIGHTS**

Heights in feet above Mean High Water.

**AUTHORITIES**

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, and U.S. Coast Guard.



**HORIZONTAL DATUM**

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.558" southward and 4.406" westward to agree with this chart.

**NOTE A**

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 13th Coast Guard District in Seattle, Washington or at the Office of the District Engineer, Corps of Engineers in Seattle, Washington.  
 Refer to charted regulation section numbers.

HOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
EET	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
TERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Approaches to Yaquina Bay  
 SOUNDINGS IN FATHOMS - SCALE 1:50,000

18561



EMERGENCY INFORMATION

## VHF Marine Radio channels for use on the waterways:

**Channel 6** – Inter-ship safety communications.

**Channel 9** – Communications between boats and ship-to-coast.

**Channel 13** – Navigation purposes at bridges, locks, and harbors.

**Channel 16** – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

**Channel 22A** – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

**Channels 68, 69, 71, 72 and 78A** – Recreational boat channels.

**Getting and Giving Help** — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

## Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

**HAVE ALL PERSONS PUT ON LIFE JACKETS!**



**NOAA Weather Radio All Hazards (NWR)** is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

## Quick References

Nautical chart related products and information	—	<a href="http://www.nauticalcharts.noaa.gov">http://www.nauticalcharts.noaa.gov</a>
Interactive chart catalog	—	<a href="http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml">http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml</a>
Report a chart discrepancy	—	<a href="http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx">http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx</a>
Chart and chart related inquiries and comments	—	<a href="http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs">http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs</a>
Chart updates (LNM and NM corrections)	—	<a href="http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html">http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html</a>
Coast Pilot online	—	<a href="http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm">http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm</a>
Tides and Currents	—	<a href="http://tidesandcurrents.noaa.gov">http://tidesandcurrents.noaa.gov</a>
Marine Forecasts	—	<a href="http://www.nws.noaa.gov/om/marine/home.htm">http://www.nws.noaa.gov/om/marine/home.htm</a>
National Data Buoy Center	—	<a href="http://www.ndbc.noaa.gov/">http://www.ndbc.noaa.gov/</a>
NowCoast web portal for coastal conditions	—	<a href="http://www.nowcoast.noaa.gov/">http://www.nowcoast.noaa.gov/</a>
National Weather Service	—	<a href="http://www.weather.gov/">http://www.weather.gov/</a>
National Hurricane Center	—	<a href="http://www.nhc.noaa.gov/">http://www.nhc.noaa.gov/</a>
Pacific Tsunami Warning Center	—	<a href="http://ptwc.weather.gov/">http://ptwc.weather.gov/</a>
Contact Us	—	<a href="http://www.nauticalcharts.noaa.gov/staff/contact.htm">http://www.nauticalcharts.noaa.gov/staff/contact.htm</a>



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This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.